

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/520,350
Source: pc
Date Processed by STIC: 3/9/06

ENTERED



PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/520,350

DATE: 03/09/2006
TIME: 12:28:22

Input Set : A:\PTO.KD.txt
Output Set: N:\CRF4\03092006\J520350.raw

3 <110> APPLICANT: Toshiyuki KOMORI
 4 Yoshimitsu TAKAKURA
 5 Yuko HIEI
 6 Shoichi SUZUKI
 7 Yoshiki KURAYA
 10 <120> TITLE OF INVENTION: THE RICE RESTORER GENE TO THE RICE BT TYPE CYTOPLASMIC MALE STERILITY
 12 <130> FILE REFERENCE: 0230-0220PUS1
 14 <140> CURRENT APPLICATION NUMBER: US 10/520,350
 15 <141> CURRENT FILING DATE: 2005-01-04
 17 <150> PRIOR APPLICATION NUMBER: JP 2002-197560
 18 <151> PRIOR FILING DATE: 2002-07-05
 20 <160> NUMBER OF SEQ ID NOS: 87
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 24
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Artificial Sequence
 27 <220> FEATURE:
 28 <223> OTHER INFORMATION: Synthetic oligonucleotide primer for amplification of R1877
 EcoRI marker
 29 sequence.
 31 <400> SEQUENCE: 1
 32 cattcctgct tccatggaaa cgtc 24
 34 <210> SEQ ID NO: 2
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 36 <212> TYPE: DNA
 37 <213> ORGANISM: Artificial Sequence
 39 <220> FEATURE:
 40 <223> OTHER INFORMATION: Synthetic oligonucleotide primer for amplification of R1877
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 41 sequence.
 43 <400> SEQUENCE: 2
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 46 <210> SEQ ID NO: 3
 47 <211> LENGTH: 20
 48 <212> TYPE: DNA
 49 <213> ORGANISM: Artificial Sequence
 51 <220> FEATURE:
 52 <223> OTHER INFORMATION: Synthetic oligonucleotide primer for amplification of G4003
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 53 marker sequence.
 55 <400> SEQUENCE: 3
 56 gatcgacgag tacctgaacg 20
 58 <210> SEQ ID NO: 4

59 <211> LENGTH: 24
60 <212> TYPE: DNA
61 <213> ORGANISM: Artificial Sequence

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63 <220> FEATURE:

64 <223> OTHER INFORMATION: Synthetic oligonucleotide primer for amplification of G4003

HindIII

65 marker sequence.

67 <400> SEQUENCE: 4

68 aatagttgga ttgtcctcaa aggg 24

70 <210> SEQ ID NO: 5

71 <211> LENGTH: 27

72 <212> TYPE: DNA

73 <213> ORGANISM: Artificial Sequence

75 <220> FEATURE:

76 <223> OTHER INFORMATION: Synthetic oligonucleotide primer for amplification of C1361

MwoI marker

77 sequence.

79 <400> SEQUENCE: 5

80 aaagcaaccg acttcagtgg catcacc 27

82 <210> SEQ ID NO: 6

83 <211> LENGTH: 24

84 <212> TYPE: DNA

85 <213> ORGANISM: Artificial Sequence

87 <220> FEATURE:

88 <223> OTHER INFORMATION: Oligonucleotide primer for amplification of C1361 MwoI marker sequence.

91 <400> SEQUENCE: 6

92 ctggacttca tttccctgca gagc 24

95 <210> SEQ ID NO: 7

96 <211> LENGTH: 27

97 <212> TYPE: DNA

98 <213> ORGANISM: Artificial Sequence

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101 <223> OTHER INFORMATION: Oligonucleotide primer for amplification of G2155 MwoI marker sequence.

103 <400> SEQUENCE: 7

104 gaccaccaat taactgatta agctggc 27

107 <210> SEQ ID NO: 8

108 <211> LENGTH: 27

109 <212> TYPE: DNA

110 <213> ORGANISM: Artificial Sequence

112 <220> FEATURE:

113 <223> OTHER INFORMATION: Synthetic oligonucleotide primer for amplification of G2155

MwoI marker

114 sequence.

116 <400> SEQUENCE: 8

117 tttctggctc caataaatcg ctgttagc 27

119 <210> SEQ ID NO: 9

120 <211> LENGTH: 27

121 <212> TYPE: DNA

122 <213> ORGANISM: Artificial Sequence

124 <220> FEATURE:

125 <223> OTHER INFORMATION: Synthetic oligonucleotide primer for amplification of G291

MspI marker

126 sequence.

128 <400> SEQUENCE: 9

129 ctgctgcagc aagctgcacc gaaccgg 27
131 <210> SEQ ID NO: 10

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133 <212> TYPE: DNA
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137 <223> OTHER INFORMATION: Synthetic oligonucleotide primer for amplification of G291
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146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Synthetic oligonucleotide primer for amplification of R2303
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152 <400> SEQUENCE: 11
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155 <210> SEQ ID NO: 12
156 <211> LENGTH: 24
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Synthetic oligonucleotide primer for amplification of R2303
Bs1II marker
162 sequence.
164 <400> SEQUENCE: 12
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173 <223> OTHER INFORMATION: Synthetic oligonucleotide primer for amplification of S10019
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184 <220> FEATURE:
185 <223> OTHER INFORMATION: Synthetic oligonucleotide primer for amplification of S10019
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191 <210> SEQ ID NO: 15
192 <211> LENGTH: 24
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence

196 <220> FEATURE:

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KpnI marker
198 sequence.
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206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Synthetic oligonucleotide primer for amplification of S10602
KpnI marker
210 sequence.
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213 tagccatgca acaagatgtc atac 24
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216 <211> LENGTH: 26
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Synthetic oligonucleotide primer for amplification of S12564
Tsp509I
222 marker sequence.
224 <400> SEQUENCE: 17
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227 <210> SEQ ID NO: 18
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229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: Synthetic oligonucleotide primer for amplification of S12564
Tsp509I
234 marker sequence.
236 <400> SEQUENCE: 18
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239 <210> SEQ ID NO: 19
240 <211> LENGTH: 2240
241 <212> TYPE: DNA
242 <213> ORGANISM: Oryza sativa L.
244 <220> FEATURE:
245 <221> NAME/KEY: misc_feature
246 <223> OTHER INFORMATION: PCR marker G4003 HindIII
248 <400> SEQUENCE: 19
249 gcccccgctc cgggaagtgc agcgagtaga cggccctgac gccgtacgcg tcggcgagcc 60
250 gcaaggccgt ctctggcggt gtgaaggaca gcccgttcag cgtcgcgcgg cgccgcccgt 120
251 tgatcgtaac cggcgccgtg ctccgcagca ggtacgcctg cgtcacgttg atcgacgagt 180
252 acctgaacga tccctgtggg ttccggcctcg ccgcgtccggc actcagggtt cacctgccca 240
253 atgaaaaaaaaa ccaaaaaccca aaagcttaat gcgaataata catcattcca cgtatTTAAA 300
254 aaaataattt ataggtaaaa tttttataat gtatTTAGC gacgttaatg tcaatgctga 360
255 gaaataaaacg ataatacttt aatgaaggctt aatTTGCA tcggTTGATG 420
256 ttggataaaag aaaacgatgg aggctagtaa ttttcttct tttttaagta tctagattgt 480
257 catatattga attttcagt ttttcatccc tttgaggaca atccaactat tattttcctt 540
258 ttcttatgtta aaagggtgaa caacatattc aaacataaaa aaataaaattt aatgaaata 600

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259	aatttacaat	tcataaaaatt	tacagaattt	atgttaagaa	aatattcaaa	cttagataat	660
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261	tacaattttt	gacttagaat	tttaatttc	ctgaaatcta	gtaatgccat	tttttcttt	780
262	ctagttgaac	cagacagtta	gtttaactcg	aaacttataa	gctaattgagc	gaagtgcggc	840
263	aattcactcg	tacctgacgg	agcgagctg	gttcatggag	aaggacttgt	cgaactggtc	900
264	ctggggaggg	tcggggagcg	ggccggaggc	ccgccccccg	gagttggagt	agcggaggac	960
265	ggcgacgccc	gcgacgcggc	gccacacggt	gtcgttacc	atgcgcgcgc	tggcgacgac	1020
266	gtagtagtcg	gagctcgct	tctggtcggt	ggtgacgagg	aaggagtagg	actggccgac	1080
267	gtggacgtcc	aggttggtgt	agttctgtcg	cgtcgtgtag	gagccctccg	tctccaccag	1140
268	caccatgttg	tgcccttgga	tcctgaagtt	gaggctcgtc	gacgtccccca	cgttgcac	1200
269	tcggatcctg	tacgtcttgc	ctgtgtccccc	acaccgacgt	cggccacaca	cgcgc当地	1260
270	ataatagact	cattgttaagt	aggtagtaac	cttcccttgc	tcatattata	aatcggttga	1320
271	ttatattttt	gttagttaaa	cttctttaag	tttttttct	ataaaactaa	ttaaatctaa	1380
272	agaattttaa	aaaaaaaaat	caaacgaott	ataatataaa	atggatggag	tagttgcac	1440
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277	gataactac	tagcagacaa	aactggtaa	aattcacag	aatgaactt	ttgtcagtt	1740
278	agcattagcg	gacagcttca	gtaagcagag	caggctgcct	taaggctaa	agcactatct	1800
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280	taactaaacc	ttactcctac	tagtactact	gctatgacta	tgaaacaaga	ttccaatcca	1920
281	aagaaaacac	agtgcgtcgat	cagcatgata	aaagcaacga	aacctgcgtca	tccagctgcc	1980
282	aaaatgccac	cccactgact	ctacgtacgt	actacgtatt	gacgctgtaa	aaaactagcc	2040
283	gttagtacaga	gaagaggacc	caaagttcg	tcaaaaaattt	tatTTTACCC	ggatccacat	2100
284	tgtatggcttc	gtactcgatg	ccggccggga	caaggctgtc	gttgcac	tacggccct	2160
285	tgccgttaat	cagcacgccc	tccggcatcc	cgaggctt	gccactgtcc	agcatcttcc	2220
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290	<212>	TYPE:	DNA				
291	<213>	ORGANISM:	Oryza sativa L.				
293	<220>	FEATURE:					
294	<221>	NAME/KEY:	misc_feature				
295	<223>	OTHER INFORMATION:	PCR marker C1361 MwoI				
297	<400>	SEQUENCE:	20				
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300	cttgcattaa	cagggtttc	ttgaaaggga	tcaatttgct	aggagtacat	gattctaaaa	180
301	gcgatttgc	aataaaacac	agttctcgat	ctcatacc	aaaacaaaaag	gccctactg	240
302	tgtaaaactgt	gattatgctt	ctgtttaatg	ggatatttg	acaaaattga	cgccaaaccac	300
303	ctataaaacag	attgtgagct	tttatcttag	taaaataaaa	tgtgacattc	tactcagtgt	360
304	tcagtgtatcc	gatgtcgct	cttctgcgt	caacttctaa	cagccgttt	cggttagtaca	420
305	aactagcgaa	acacaaaaaa	cgcagcattt	gagttctgga	atacgctgaa	attgttagaa	480
306	tcaaccacga	aacaaaatc	attgttcaga	aacgttgc	cgagataaaa	cacaagaact	540
307	tgttttaaca	aagcatacgg	acagtagata	tacggttaca	acacccagtc	tttatacagt	600
308	tctgctggag	ttccatctac	tggctgtcat	tgtatctcg	gacagacagg	ttaacatagg	660
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310	gtcaagcaag	cttatttaca	gctgctctag	taaatttaca	acgtccctgg	cagaatccct	780

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 03/09/2006
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Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 28
Seq#:2; Line(s) 40
Seq#:13; Line(s) 173
Seq#:14; Line(s) 185
Seq#:15; Line(s) 197
Seq#:16; Line(s) 209

VERIFICATION SUMMARY

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